

surface receptor on the cell transports the chimeric protein and the endogenous substance into the cell, thereby lowering the amount of the endogenous substance in the extracellular fluid of a subject.

44. The method of claim 43, wherein the endogenous substance is a lipoprotein.

45. The method of claim 43, wherein the endogenous substance is a naturally occurring metabolite.

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cmcl* 46. The method of claim 43, wherein the metabolite is a bile salt, acetylated LDL, a glycosaminoglycan, or a glycolipid.

47. The method of claim 43, wherein the endogenous substance is a naturally occurring hormone or cytokine.

48. The method of claim 43, wherein the endogenous substance is a nutrient.

49. The method of claim 48, wherein the nutrient is glucose, or a lipid.

50. The method of claim 43, wherein the endogenous substance is an immunoglobulin, a cytokine, or a hormone.

51. The method of claim 43, wherein the cell surface receptor is a transferrin receptor, a serum albumin receptor, an asialoglycoprotein receptor, CD4, immunoglobulin Fc receptor, a-fetoprotein receptor, LRP receptor, LDL receptor, or a mannose receptor. --